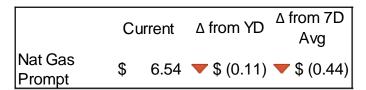


## **Market Report**

## 28 September 2022



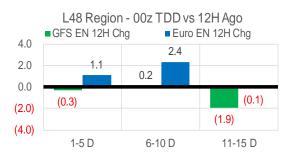
	С	urrent	Δf	rom YD	Δ fror	n 7D vg
WTI Prompt	\$	79.02		\$ 0.52	<b>-</b> \$	(0.7)

	С	urrent	Δ fro	om YD	m 7D .va
Brent Prompt	\$	86.63	<b>*</b> \$	0.36	5

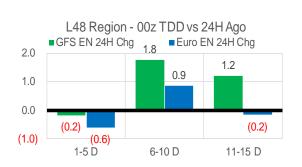
#### Page Menu

Short-term Weather Model Outlooks
Lower 48 Component Models
Regional S/D Models Storage Projection
Weather Model Storage Projection
Supply – Demand Trends
Nat Gas Options Volume and Open Interest
Nat Gas Futures Open Interest
Price Summary

## Vs. 12H Ago



## Vs. 24H Ago



	Current	Δ from YD	Δ from 7D Avg
US Dry Production	100.8	<b>-</b> 0.03	<b>0.12</b>

	Current	Δ from YD	Δ from 7D Avg
US ResComm	12.6	▼ -0.14	<b>1.70</b>

	Current	Δ from YD	Δ from 7D Avg
Net LNG Exports	12.1	▼ -0.23	<b>a</b> 0.50

	Current	Δ from YD	Δ from 7D Avg
US Power Burns	32.1	-0.08	<b>▼</b> -1.32

	Current	Δfı	rom YD	Δfr	om 7D Avg
Canadian Imports	6.3		0.05		0.17

	Current	Δ from YD	Δ from 7D Avg
Mexican Exports	6.8	▼ -0.23	▼ -0.02

10/2

10/3

10/4



5.0

9/28

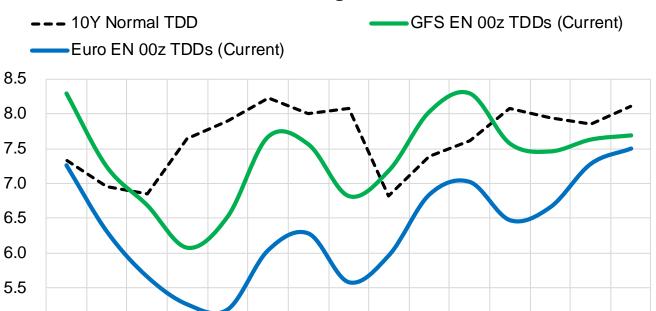
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### Short-term Weather Model Outlooks (00z)

## L48 Region



## Vs. 10Y Normal

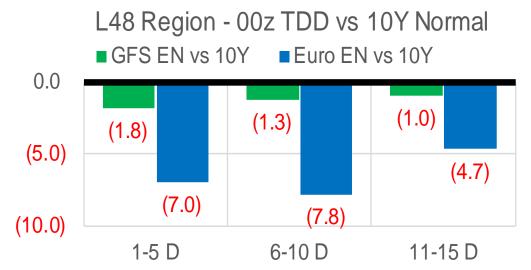
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10/8

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Source: WSI, Bloomberg



## **Market Report**

#### Daily Balances

## Lower 48 Component Models

	22-Sep	23-Sep	24-Sep	25-Sep	26-Sep	27-Sep	28-Sep	DoD	vs.	7D
Lower 48 Dry Production	100.4	100.7	101.1	101.0	101.0	100.8	100.8	▼ 0.0	▼ 0	.0
Canadian Imports	6.3	6.1	6.0	6.1	6.2	6.3	6.3	▲ 0.0	<b>_</b> 0.	.2
L48 Power	35.6	32.1	30.9	30.9	32.8	32.1	32.1	▼-0.1	▼ -0	).4
L48 Residential & Commercial	10.9	13.6	10.5	9.4	10.8	12.7	12.6	▼ -0.1	<u> </u>	.3
L48 Industrial	21.8	21.7	21.2	21.0	21.1	21.5	21.6	<b>0.1</b>	<b>a</b> 0.	.2
L48 Lease and Plant Fuel	5.4	5.5	5.5	5.5	5.5	5.5	5.4	▼ 0.0	▼ 0.	.0
L48 Pipeline Distribution	2.6	2.5	2.3	2.2	2.4	2.5	2.5	▼ 0.0	<b>a</b> 0.	.1
L48 Regional Gas Consumption	76.3	75.4	70.3	69.0	72.6	74.3	74.1	▼ -0.2	<u> </u>	.1
Net LNG Delivered	11.16	11.40	11.57	11.56	11.63	12.35	12.12	▼ -0.2	<b>_</b> 0	.5
Total Mexican Exports	7.0	6.7	6.5	6.3	7.0	7.0	6.8	▼ -0.2	<b>_</b> 0.	.0
Implied Daily Storage Activity EIA Reported Daily Storage Activity Daily Model Error	12.2	13.3	18.6	20.2	16.0	13.5	14.1			

EIA Storage Week Balances								
_	LY				LW	Current		
	24-Sep	26-Aug	2-Sep	9-Sep	16-Sep	23-Sep	WoW	vs. LY
Lower 48 Dry Production	94.2	98.6	99.8	100.4	100.4	100.2	▼-0.2	<b>6.0</b>
Canadian Imports	5.2	5.4	5.7	5.8	5.5	6.1	<b>0.6</b>	▲ 0.9
L48 Power	33.4	41.2	42.6	41.1	38.0	37.0	<b>▼</b> -1.0	3.6
L48 Residential & Commercial	9.4	8.2	8.2	7.9	8.3	8.5	<b>0.2</b>	-0.9
L48 Industrial	20.3	21.0	21.9	21.1	20.3	21.3	<b>1.0</b>	1.0
L48 Lease and Plant Fuel	5.1	5.4	5.4	5.4	5.4	5.4	▼ 0.0	0.3
L48 Pipeline Distribution	2.4	2.6	2.7	2.7	2.6	2.5	▼ 0.0	0.2
L48 Regional Gas Consumption	70.5	78.5	80.8	78.3	74.5	74.8	<b>0.2</b>	<b>4.2</b>
Net LNG Exports	9.9	11.1	10.9	11.3	11.3	11.5	<b>▲</b> 0.2	<b>1.6</b>
Total Mexican Exports	6.8	6.9	6.9	6.6	6.7	6.6	▼-0.1	▼-0.2
Implied Daily Storage Activity	12.1	7.6	7.0	10.2	13.4	13.4	0.0	1.3
EIA Reported Daily Storage Activity	12.6	8.7	7.7	11.0	14.7			
Daily Model Error	-0.5	-1.1	-0.7	-0.8	-1.3			

	2Yr Ago	LY					MTD		
	Sep-20	Sep-21	May-22	Jun-22	Jul-22	Aug-22	Sep-22	MoM	vs. LY
Lower 48 Dry Production	88.9	93.6	95.8	96.5	97.1	98.6	100.4	<b>1.8</b>	<b>6.9</b>
Canadian Imports	3.8	5.1	5.1	5.7	5.9	5.4	5.9	<b>0.5</b>	<b>0.7</b>
L48 Power	34.4	33.1	29.8	38.0	43.7	42.6	37.6	▼-5.1	<b>4.4</b>
L48 Residential & Commercial	8.9	8.7	12.4	9.1	9.0	8.3	8.8	<b>0.5</b>	<b>0.1</b>
L48 Industrial	19.9	20.2	19.7	18.7	19.5	21.3	21.0	▼-0.3	<b>8.0</b>
L48 Lease and Plant Fuel	4.8	5.1	5.3	5.3	5.3	5.4	5.4	<b>0.1</b>	<b>0.4</b>
L48 Pipeline Distribution	2.4	2.3	2.4	2.5	2.8	2.7	2.6	▼-0.1	<b>0.2</b>
L48 Regional Gas Consumption	70.4	69.5	69.5	73.7	80.2	80.3	75.4	<b>▼-4.9</b>	<b>5.9</b>
Net LNG Exports	5.9	10.3	12.5	11.2	10.9	11.0	11.4	<b>0.4</b>	<b>1.1</b>
Total Mexican Exports	6.1	6.7	7.0	7.1	7.0	6.9	6.6	▼-0.3	▼ -0.1
Implied Daily Storage Activity EIA Reported Daily Storage Activity	10.3	12.1	11.9	10.2	4.9	5.8	12.9		
Daily Model Error					0.2				

Source: Bloomberg, analytix.ai



## **Daily** Average Generation Data

#### **Nuclear Generation Daily Average - GWh (NRC)**

	20-Sep	21-Sep	22-Sep	23-Sep	24-Sep	25-Sep	26-Sep	DoD	vs. 7D
NRC Nuclear Daily Output	87.0	87.1	87.1	87.4	87.4	85.9	84.7	-1.2	-2.3
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	104.9	0.0	0.0
NRC Nuclear Outage	17.9	17.8	17.8	17.5	17.5	19.0	20.2	1.2	2.3
NRC % Nuclear Cap Utilization	88.5	88.6	88.5	88.9	88.9	87.3	86.1	-1.2	-2.3

#### Wind Generation Daily Average - MWh (EIA)

	20-Sep	21-Sep	22-Sep	23-Sep	24-Sep	25-Sep	26-Sep	DoD	vs. 7D
CALI Wind	1192	2218	1361	665	524	1065	1065	0	-106
TEXAS Wind	10293	8907	6079	8364	9992	8447	8447	0	-234
US Wind	48455	50945	42787	43013	37865	46532	46532	0	1599

#### **Generation Daily Average - MWh (EIA)**

	20-Sep	21-Sep	22-Sep	23-Sep	24-Sep	25-Sep	26-Sep	DoD	vs. 7D
US Wind	48455	50945	42787	43013	37865	46532	46532	0	1599
US Solar	16201	16161	16967	17621	16824	15717	15717	0	-865
US Petroleum	1059	979	982	786	293	293	293	0	-439
US Other	10586	10808	10226	9960	9804	9851	9851	0	-355
US Coal	99943	98768	94154	81827	77483	71986	71986	0	-15374
US Nuke	89352	89445	89700	90408	89058	89132	89132	0	-384
US Hydro	24580	24379	22144	22010	21182	21834	21834	0	-854
US Gas	216356	212184	195314	172320	164752	165188	165188	0	-22497

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai



## **Storage Week** Average Generation Data

								WoW
	24-Sep	26-Aug	2-Sep	9-Sep	16-Sep	23-Sep	WoW	Bcf/d
	-		-		_	_		Impact
NRC Nuclear Daily Output	85.9	90.3	89.6	87.5	86.0	86.7	0.8	-0.1
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	0.0	
NRC Nuclear Outage	19.0	14.5	15.2	17.4	18.9	18.1	-0.8	
NRC % Nuclear Cap Utilization	87.3	91.9	91.2	88.9	87.4	88.2	8.0	
Wind Generation Weekly Av	erage - MW	h (EIA)						
								WoW
	24-Sep	26-Aug	2-Sep	9-Sep	16-Sep	23-Sep	WoW	Bcf/d
								Impact
CALI Wind	1936	2324	1825	1285	2033	1941	-92	0.0
TEXAS Wind	9780	5879	6839	4092	8875	11580	2706	-0.5
US Wind	43289	23582	36122	27253	37396	47934	10538	-1.9
							28%	
						0.3		
O (1 14/ 11 A	B 4 3 4 7 7 7 8 4							

**Generation Weekly Average - MWh (EIA)** 

**Nuclear Generation Weekly Average - GWh (NRC)** 

					<b>L</b> '	Ouricii		
	24-Sep	26-Aug	2-Sep	9-Sep	16-Sep	23-Sep	YoY	WoW Bcf/d Impact
US Wind	43289	23582	36122	27253	37396	47934	10538	-1.9
US Solar	12204	15772	17073	16144	14887	16867	1980	-0.4
US Petroleum	415	1047	1075	1105	1029	1010	-18	0.0
US Other	9130	10337	10580	9948	9945	10663	717	-0.1
US Coal	108923	114538	113005	105982	91205	92421	1217	-0.2
US Nuke	88789	92904	92018	89638	88711	89298	587	-0.1
US Hydro	25369	30663	27850	27950	25849	23535	-2314	0.4
US Gas	177557	227245	232735	227615	201209	196806	-4403	-0.8

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

LY

Current



## **Monthly** Average Generation Data

Nuclear Generation Monthly Average - GWh (NRC)											
	2Yr Ago	LY				MTD					
	Same 30 days	Same 30 days	Jun-22	Jul-22	Aug-22	Sep-22	Last 30 days	MoM (MTD vs LY)	Last 30 days YoY		
NRC Nuclear Daily Output	89.0	87.6	88.6	90.6	90.5	86.6	86.8	-3.9	-0.8		
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	104.9	0.0	0.0		
NRC Nuclear Outage	15.9	17.3	16.3	14.3	14.3	18.3	18.1	3.9	8.0		
NRC % Nuclear Cap Utilization	90.5	89.0	90.1	92.1	92.1	88.1	88.3	-4.0	-0.8		

#### Wind Generation Monthly Average - MWh (EIA)

	2Yr Ago	LY				MTD			
	Same 30 days	Same 30 days	Jun-22	Jul-22	Aug-22	Sep-22	Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
CALI Wind	1503	2113	2892	2719	2028	1564	1559	-464	-553
TEXAS Wind	7312	8973	13378	11765	8440	8119	7828	-321	-1145
US Wind	32194	39472	46918	39701	33222	38577	37664	5355	-1808

#### **Generation Monthly Average - MWh (EIA)**

•	2Yr Ago	ĹY				MTD			
	Same 30 days	Same 30 days	Jun-22	Jul-22	Aug-22	Sep-22	Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
US Wind	32194	39472	46918	39701	33222	38577	37664	▼ -912.9	<b>▼</b> -1808
US Solar	9280	13331	19376	18598	16968	16011	16063	<b>51.9</b>	<b>2732</b>
US Petroleum	978	583	1001	1252	1253	893	911	<b>17</b>	<b>328</b>
US Other	8449	9079	8608	10129	10426	10106	10140	<b>3</b> 4	<b>1061</b>
US Coal	96921	112673	105517	119788	117200	92477	94149	<b>1671</b>	▼-18524
US Nuke	91953	90439	89949	92883	92976	89317	89471	<b>154</b>	<b>▼</b> -967
US Hydro	26313	25836	37531	34227	30121	25003	25204	<b>201</b>	<b>▼</b> -631
US Gas	180871	178691	200872	235766	233741	200642	203793	<b>1217</b>	<b>25102</b>
US Total	445153	470248	509350	551822	535677	472815	477156	<b>3348</b>	<b>6909</b>



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai



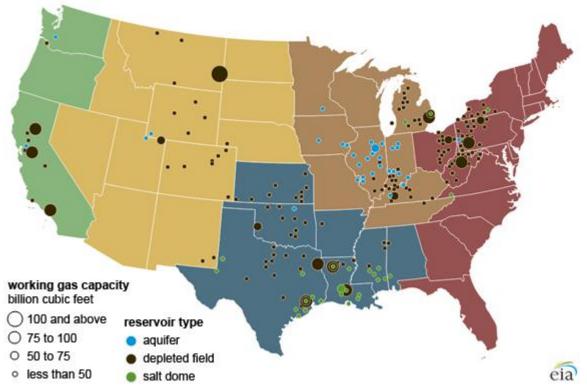
### Regional S/D Models Storage Projection

Week Ending 23-Sep

	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	14.6	0.1	14.6	102
East	2.6	2.0	4.7	33
Midwest	4.6	-0.1	4.4	31
Mountain	5.1	-4.2	1.0	7
South Central	0.9	3.0	3.9	27
Pacific	1.4	-0.7	0.7	5

<sup>\*</sup>Adjustment Factor is calcuated based on historical regional deltas

#### U.S. underground natural gas storage facilities by type (July 2015)



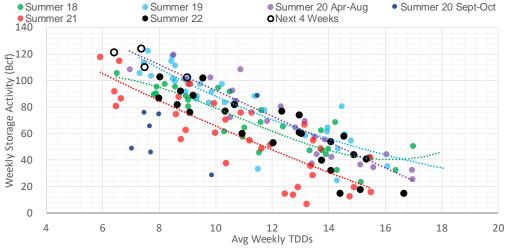


### Weather Model Storage Projection

Next report
and beyond

Week Ending	GWDDs	Week Storage Projection
23-Sep	9.0	102
30-Sep	7.4	124
07-Oct	6.4	121
14-Oct	7.5	110

#### Weather Storage Model - Next 4 Week Forecast



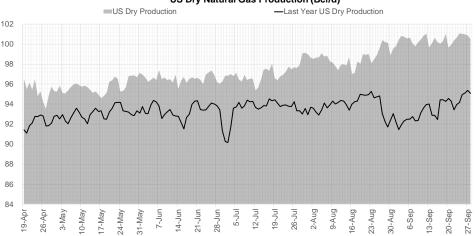
Go to larger image



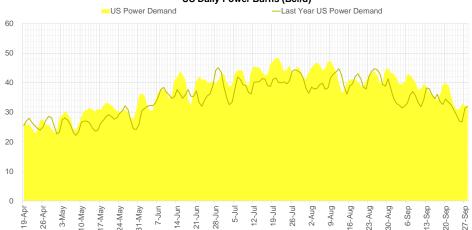


### Supply - Demand Trends

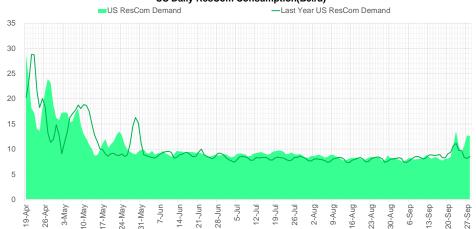
#### US Dry Natural Gas Production (Bcf/d)



#### US Daily Power Burns (Bcf/d)



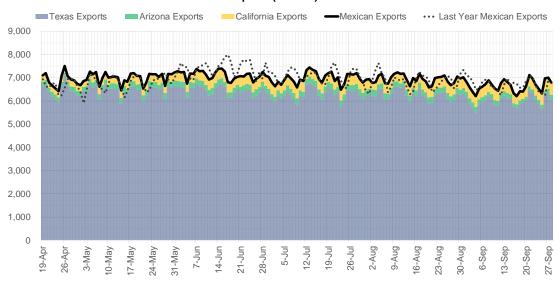
#### US Daily ResCom Consumption(Bcf/d)

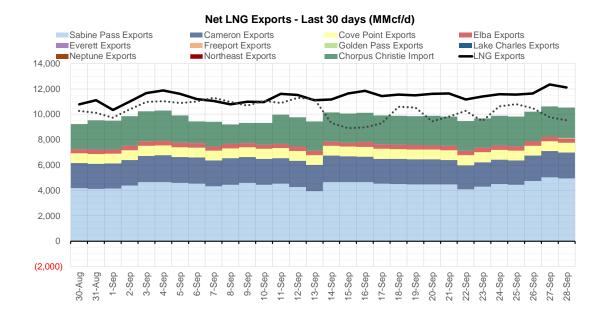


Source: Bloomberg



#### Mexican Exports (MMcf/d)





Source: Bloomberg



# Nat Gas Options Volume and Open Interest CME and ICE Combined

CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE VOL	CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE C
11	2022	С	12.00	3777	10	2022	P	3.00	36677
					10	2022	C	6.00	36014
12	2022	С	12.00	3731	10	2022	P	6.00	31445
11	2022	С	15.00	3036	10	2022	P	5.00	30533
1	2023	С	10.00	2852	10	2022	P	2.50	28006
11	2022	Р	6.00	2846	3	2023	C	10.00	25955
2	2023	С	12.00	2626	3 10	2023	C	10.00	25549
11	2022	С	9.00	2530	12	2022	P	4.00	25126
1	2023	C	12.00	2501	12	2022	P	5.00	23658
11	2022	С	10.00	2399			C		
11	2022	Р	5.00	2352	10 10	2022 2022	C	5.00	23569
11	2022	С	7.50	2274			P	12.00	22931
12	2022	С	20.00	2258	5	2023	P P	2.00	22452
2	2023	С	10.00	2153	11	2022	•	4.00	22408
3	2023	Р	4.50	2080	10	2022	P	3.50	22294
12	2022	Р	6.00	2056	10	2022	Р	4.00	22153
1	2023	С	11.00	2001	4	2023	Р	3.00	21636
12	2022	С	17.00	1933	10	2022	С	8.00	21198
12	2022	С	9.00	1917	11	2022	P	5.00	20794
10	2022	С	7.00	1865	10	2022	P	8.00	20372
3	2023	С	10.00	1835	10	2023	Р	3.00	19933
12	2022	C	15.00	1806	4	2023	Р	3.50	19591
10	2022	P	6.75	1775	10	2022	Р	7.00	19121
10	2022	P	7.00	1764	3	2023	С	20.00	18917
12	2022	Ċ	10.00	1673	10	2022	С	9.00	18464
12	2022	P	5.00	1660	5	2023	Р	3.50	18290
1	2023	Р	5.00	1566	12	2022	С	5.00	18227
1	2023	Р	4.00	1525	3	2023	Р	4.00	18100
1	2023	C	11.50	1500	6	2023	Р	3.00	17970
1	2023	C	12.50	1500	5	2023	Р	3.00	17948
2	2023	C	11.00	1500	3	2023	Р	3.00	17829
2	2023	C	11.50	1500	10	2023	Р	2.50	17800
2	2023	C	12.50		12	2022	Р	6.00	17554
		P		1500	7	2023	Р	3.50	17390
11	2022	P P	5.50	1472	8	2023	Р	3.50	17390
10	2022	P P	6.50	1463	9	2023	Р	3.50	17380
12	2022		4.00	1300	6	2023	Р	3.50	17365
2	2023	С	8.00	1277	10	2023	Р	3.50	17355
3	2023	С	12.00	1217	11	2022	Р	6.00	17093
12	2022	C	7.50	1140	2	2023	С	10.00	17052
1	2023	C	8.00	1140	1	2023	С	10.00	17048
10	2022	С	7.25	1088	1	2023	Р	5.00	16938
11	2022	С	8.00	1065	10	2022	Р	2.00	16749
1	2023	С	9.00	1033	1	2023	Р	4.00	16640
11	2022	С	18.00	949	10	2022	Р	5.50	16636
11	2022	С	7.00	937	7	2023	Р	3.00	16550
3	2023	С	8.00	884	8	2023	P	3.00	16350
12	2022	Р	4.50	852	9	2023	P	3.00	16350
10	2022	Р	6.70	843	10	2023	Р	4.00	16261
3	2023	Р	5.00	761	12	2022	Р	5.50	16239
1	2023	P	6.00	751	12	2022	C	4	16194
•							Source	e: CME, ICE	.0.01



### Nat Gas Futures Open Interest

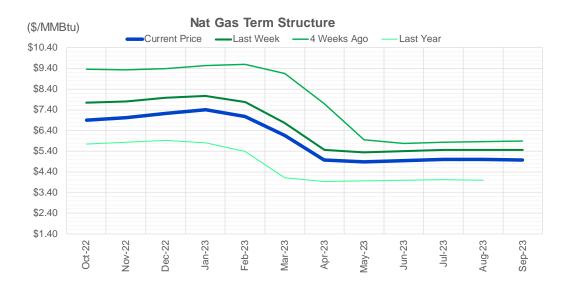
CME and ICE Combined

OME Haramal	CME Henry Hub Futures (10,000 MMBtu)  ICE Henry Hub Futures Contract Equivalent (10,000 MM											
CIME Henry F				ICE Henry								
	Current	Prior	Daily Change		Current	Prior	Daily Change					
OCT 22	1646	9428	-7782	OCT 22	74999	73060	1939					
NOV 22	164040	165676	-1636	NOV 22	74408	74244	164					
DEC 22	67041	67057	-16	DEC 22	70528	70488	40					
JAN 23	88667	89408	-741	JAN 23	66672	66357	314					
FEB 23	42068	41472	596	FEB 23	64697	65425	-729					
MAR 23	72448	72392	56	MAR 23	57580	56580	1000					
APR 23	76765	76825	-60	APR 23	53878	53096	782					
MAY 23	81552	80323	1229	MAY 23	54063	53050	1013					
JUN 23	23186	23099	87	JUN 23	44983	45059	-76					
JUL 23	24488	24522	-34	JUL 23	44140	43953	187					
AUG 23	19624	19845	-221	AUG 23	43166	43219	-53					
SEP 23	22395	21402	993	SEP 23	41378	41419	-41					
OCT 23	53753	54577	-824	OCT 23	54044	53916	128					
NOV 23	20539	20229	310	NOV 23	47166	47207	-40					
DEC 23	16243	14782	1461	DEC 23	40637	40827	-191					
JAN 24	24860	24541	319	JAN 24	42792	42745	47					
FEB 24	9577	9420	157	FEB 24	30855	31095	-241					
MAR 24	18871	18962	-91	MAR 24	36425	36653	-228					
APR 24	15653	15726	-73	APR 24	29401	29349	53					
MAY 24	7728	7598	130	MAY 24	27857	27835	23					
JUN 24	2822	2831	-9	JUN 24	25185	25176	9					
JUL 24	3673	3584	89	JUL 24	24756	24733	23					
AUG 24	3721	3593	128	AUG 24	24439	24416	23					
SEP 24	2312	2301	11	SEP 24	24183	24161	22					
OCT 24	8996	8984	12	OCT 24	28117	28052	66					
NOV 24	4875	4857	18	NOV 24	25679	25580	99					
DEC 24	8197	8189	8	DEC 24	29027	28927	100					
JAN 25	17392	17392	0	JAN 25	23378	23211	167					
FEB 25	1586	1580	6	FEB 25	15792	15679	113					
MAR 25	5187	5187	0	MAR 25	17991	18033	-42					

Source: CME, ICE







	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
Current Price	\$6.903	\$7.014	\$7.235	\$7.398	\$7.069	\$6.147	\$4.975	\$4.868	\$4.933	\$5.000	\$5.011	\$4.985
Last Week	\$7.752	\$7.804	\$7.966	\$8.074	\$7.764	\$6.764	\$5.466	\$5.347	\$5.402	\$5.458	\$5.469	\$5.450
vs. Last Week	-\$0.849	-\$0.790	-\$0.731	-\$0.676	-\$0.695	-\$0.617	-\$0.491	-\$0.479	-\$0.469	-\$0.458	-\$0.458	-\$0.465
4 Weeks Ago	\$9.353	\$9.336	\$9.400	\$9.532	\$9.592	\$9.154	\$7.707	\$5.946	\$5.769	\$5.816	\$5.865	\$5.877
vs. 4 Weeks Ago	-\$2.450	-\$2.322	-\$2.165	-\$2.134	-\$2.523	-\$3.007	-\$2.732	-\$1.078	-\$0.836	-\$0.816	-\$0.854	-\$0.892
Last Year	\$5.706	\$5.731	\$5.839	\$5.910	\$5.798	\$5.385	\$4.107	\$3.938	\$3.967	\$4.007	\$4.010	\$3.990
vs. Last Year	\$1.197	\$1.283	\$1.396	\$1.488	\$1.271	\$0.762	\$0.868	\$0.930	\$0.966	\$0.993	\$1.001	\$0.995

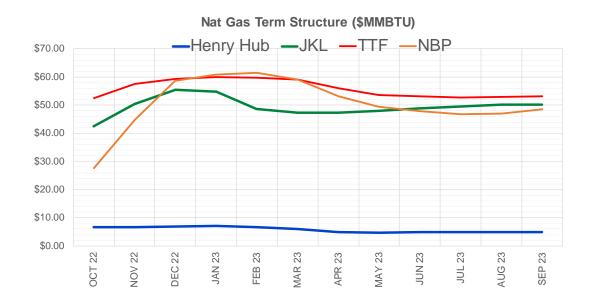
		Cash	Prompt	Cash to	
	Units	Settled	Settle	Prompt	
AGT Citygate	\$/MMBtu	4.30	6.95	2.65	
TETCO M3	\$/MMBtu	4.96	6.19	1.23	
FGT Zone 3	\$/MMBtu	4.95	8.43	3.48	
Zone 6 NY	\$/MMBtu	4.95	6.18	1.23	
Chicago Citygate	\$/MMBtu	5.38	7.02	1.64	
Michcon	\$/MMBtu	5.41	6.92	1.51	
Columbia TCO Pool	\$/MMBtu	5.17	6.19	1.02	
Ventura	\$/MMBtu	5.95	6.99	1.04	
Rockies/Opal	\$/MMBtu	5.33	6.79	1.46	
El Paso Permian Basin	\$/MMBtu	3.24	5.19	1.95	
Socal Citygate	\$/MMBtu	8.39	7.39	-1.00	
Malin	\$/MMBtu	5.25	7.05	1.80	
Houston Ship Channel	\$/MMBtu	5.64	6.84	1.20	
Henry Hub Cash	\$/MMBtu	6.68	6.80	0.12	
AECO Cash	C\$/GJ	4.00	3.17	-0.83	
Station2 Cash	C\$/GJ	2.83	7.01	4.18	
Dawn Cash	C\$/GJ	5.32	7.03	1.71	

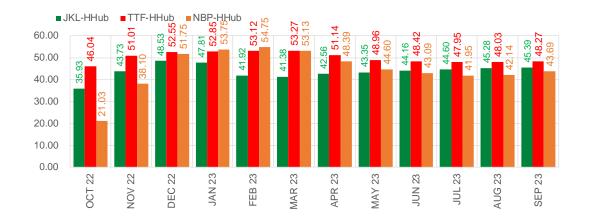
Source: CME, Bloomberg



				vs. 4 Weeks	
	Units	Current Price	vs. Last Week		vs. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224	<b>△</b> 0.000	<b>0.000</b>	◆ 0.000
NatGas Oct21/Nov21	\$/MMBtu	0.361	<b>0.000</b>	0.000	<b>△</b> 0.322
NatGas Oct21/Jan22	\$/MMBtu	-1.817	0.000	0.000	-2.034
NatGas Apr22/Oct22	\$/MMBtu	1.315	<b>▼</b> -1.066	-2.391	▲ 1.420
WTI Crude	\$/Bbl	78.50	<b>▼</b> -5.950	<b>▼</b> -13.140	<b>△</b> 3.210
Brent Crude	\$/Bbl	86.27	-4.350	<b>▼</b> -13.040	<b>△</b> 7.180
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
Heating Oil	cents/Gallon	325.99	<b>▼</b> -11.230	<b>▼</b> -55.720	<b>97.090</b>
Propane, Mt. Bel	cents/Gallon	0.99	-0.038	<b>▼</b> -0.102	<b>-</b> 0.300
Ethane, Mt. Bel	cents/Gallon	0.46	<b>-</b> 0.021	<b>-</b> 0.141	<b>a</b> 0.070
Coal, PRB	\$/MTon	12.30	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
Coal, PRB	\$/MMBtu	0.70			
Coal, ILB	\$/MTon	31.05	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
Coal, ILB	\$/MMBtu	1.32			



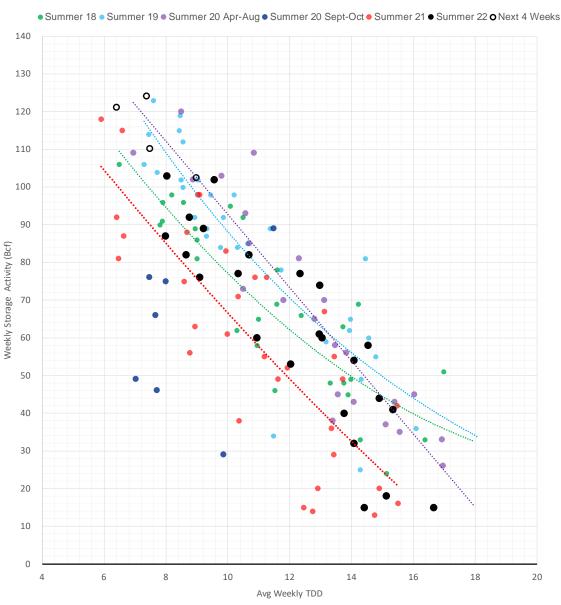




	OCT 22	NOV 22	DEC 22	JAN 23	FEB 23	MAR 23	APR 23	MAY 23	<b>JUN 23</b>	JUL 23	AUG 23	SEP 23
Henry Hub	\$6.543	\$6.629	\$6.879	\$7.042	\$6.726	\$5.897	\$4.846	\$4.735	\$4.800	\$4.855	\$4.860	\$4.869
JKL	\$42.470	\$50.360	\$55.410	\$54.855	\$48.645	\$47.275	\$47.405	\$48.085	\$48.955	\$49.455	\$50.135	\$50.260
JKL-HHub	\$35.927	\$43.731	\$48.531	\$47.813	\$41.919	\$41.378	\$42.559	\$43.350	\$44.155	\$44.600	\$45.275	\$45.391
TTF	\$52.587	\$57.639	\$59.432	\$59.890	\$59.844	\$59.169	\$55.989	\$53.691	\$53.216	\$52.805	\$52.891	\$53.134
TTF-HHub	\$46.044	\$51.010	\$52.553	\$52.848	\$53.118	\$53.272	\$51.143	\$48.956	\$48.416	\$47.950	\$48.031	\$48.265
NBP	\$27.570	\$44.728	\$58.625	\$60.790	\$61.476	\$59.024	\$53.232	\$49.331	\$47.886	\$46.801	\$46.998	\$48.556
NBP-HHub	\$21.027	\$38.099	\$51.746	\$53.748	\$54.750	\$53.127	\$48.386	\$44.596	\$43.086	\$41.946	\$42.138	\$43.687



#### Weather Storage Model - Next 4 Week Forecast





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